

## Amendments to the Claims

1. (Currently Amended) Method for accessing Internet resources provided by ~~at least~~ a content server in a data transmission system including a proxy connected to the Internet network, said proxy being adapted to perform form-based authentication of a user when receiving a user request for Internet resources therefrom, and wherein said proxy transmits the user request to said content server which sends back a response to the proxy;

said method comprising ~~the following steps~~:

- receiving a user request from a user for Internet resources at a proxy;
- transmission from said proxy to a Single Sign On (SSO) ~~Server~~ server of said user request together with credentials associated with said user,
- obtaining by the SSO server a login form from the content server,
- filling by said SSO server of a the login form obtained from said content server, said login form being filled by the SSO server using said credentials,
- transmission from the SSO server to the content server of the filled login form,
- transmission by said content server to said SSO server of a response to said user request after the content server receives ~~receiving~~ the filled login form from said SSO server, ~~said response being then sent back to said proxy~~
- sending of the response back to the proxy by the SSO server and,
- transmission by said proxy of the requested information to said user, said information being contained in said response,

wherein subsequent user requests are forwarded directly from the proxy to the content server, and responses to the subsequent user requests are transmitted directly to the proxy by the content server, without going through the SSO server.

2. (Original) Method according to claim 1, wherein said SSO server has at its disposal a configuration file for obtaining and filling said login form, said configuration file providing information about said content server.
3. (Currently Amended) Method according to claim 2, wherein the configuration file includes information including at least one of an URL of a login page, a location of said login page, a name of an input field used for "~~username~~" a username and a name of an input field used for "~~password~~" a password.
4. (Original) Method according to claim 2, wherein said response from said content server sent back to said proxy includes at least one cookie specific to said content server.
5. (Original) Method according to claim 1, further comprising an initial step of transmitting by said user a first request to said proxy invoking an external URL configured in said proxy, said proxy sending back an authentication challenge to said user in order to verify the user credentials and checking whether the user credentials correspond to a valid user.
6. (Cancelled).
7. (Currently Amended) Data transmission system including a proxy connected to the Internet network and ~~at least~~ a content server to which a user can gain access through said proxy, said proxy being associated with authentication means adapted to perform form-based authentication of the user when receiving a user request for Internet resources therefrom and wherein said proxy transmits the user request to said content server which sends back a response to said proxy;  
said authentication means comprising:

a Single Sign-On (SSO) server adapted to receive from the proxy a user request and credentials associated with the user, to obtain a login form from said content server when receiving said user request from said proxy, to fill in said login form using the credentials associated with said user<sub>1</sub> and to send back the filled login form to said content server, so that said content server can provide the requested information to the proxy after authentication of said user<sub>1</sub>

wherein subsequent user requests are forwarded directly from the proxy to the content server, and responses to the subsequent user requests are transmitted directly to the proxy by the content server, without going through the SSO server.

8. (Original) Data transmission system according to claim 7, wherein said

SSO server has at its disposal a configuration file for obtaining and filling said login form, said configuration file providing information about said content server such as the URL of the login page.

9. (Currently Amended) Data transmission system according to claim 8, wherein the configuration file includes information including at least one of an URL of a login page, a location of said login page, a name of an input field used for “~~username~~” a username and a name of an input field used for “~~password.~~” a password.

10. (Original) Data transmission system according to claim 7, wherein said SSO server is external to said proxy.

11. (Original) Data transmission system according to claim 7, wherein said SSO server is integrated within said proxy